

L Number	Hits	Search Text	DB	Time stamp
1	564	("701/213").CCLS.	USPAT; US-PGPUB	2001/09/30 14:52
2	521	("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13").CCLS.	USPAT; US-PGPUB	2001/09/30 14:53
3	921	((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.)	USPAT; US-PGPUB	2001/09/30 14:54
4	21	((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) and (golf or golfing)	USPAT; US-PGPUB	2001/09/30 14:56
5	622	("701/208") or ("701/215").CCLS.	USPAT; US-PGPUB	2001/09/30 14:57
6	1351	((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.)	USPAT; US-PGPUB	2001/09/30 14:57
7	44	((((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.) and (golf or golfing)	USPAT; US-PGPUB	2001/09/30 15:15
8	1007	((("340/990") or ("340/995")).CCLS.	USPAT; US-PGPUB	2001/09/30 15:15
10	1993	((("340/990") or ("340/995")).CCLS.) (((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.))	USPAT; US-PGPUB	2001/09/30 15:16
11	60	((("340/990") or ("340/995")).CCLS.) (((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.)) and (golf or golfing)	USPAT; US-PGPUB	2001/09/30 15:16
12	16	((((("340/990") or ("340/995")).CCLS.) (((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.))) and (golf or golfing)) not (((("342/357.03") or ("342/357.06") or ("342/357.09") or ("342/357.13")).CCLS.) ("701/213").CCLS.) ((("701/208") or ("701/215")).CCLS.)) and (golf or golfing)	USPAT; US-PGPUB	2001/09/30 15:16
13	112	("473/407").CCLS.	USPAT; US-PGPUB	2001/09/30 16:34
14	1	("5810680").PN.	USPAT; US-PGPUB	2001/09/30 16:34
16	4	5810680.URPN.	USPAT; US-PGPUB	2001/09/30 16:34
17	75	(golf or golfing) and (topology or topography or topographic or topographical or topological) and (computer or palm or PDA or portable)	USPAT; US-PGPUB	2001/09/30 18:20
18	6	(golf or golfing) and (topology or topography or topographic or topographical or topological) and (computer or palm or PDA or portable)	EPO; JPO; DERWENT	2001/09/30 18:20
19	390	(golf near3 course) and (information or map or layout) and display and (computer or palm or PDA or portable or hand-held or (hand adj held))	USPAT; US-PGPUB	2001/09/30 18:23
20	56	(golf near3 course) and (information or map or layout) and display and (computer or palm or PDA or portable or hand-held or (hand adj held))	EPO; JPO; DERWENT	2001/09/30 18:23

DERWENT-ACC-NO: 1998-499434

DERWENT-WEEK: 199843

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TITLE: Portable golf score accumulation system for golf course -  
has display  
controller which makes display device provided in portable  
terminal to display  
topographical map and golf course information based on data  
forwarded from main  
computer

PATENT-ASSIGNEE: IGA KK[IGAIN]

PRIORITY-DATA: 1997JP-0063727 (February 10, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
<u>MAIN-IPC</u>			
<u>JP 10216294 A</u>	August 18, 1998	N/A	009
A63B 071/06			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP10216294A	N/A	1997JP-0063727
February 10, 1997		

INT-CL\_(IPC): A63B071/06

ABSTRACTED-PUB-NO: JP10216294A

BASIC-ABSTRACT: The system has a main computer (5) which  
consists of a non-

volatile memory reader for reading the hall topographical map from the memory.

The read data is transmitted to a portable terminal from which output is

received by a data forwarding unit. The data of each player

received from

portable terminal through data forwarding unit is accumulated.

A calculation unit calculates gross and net ranking for each player based on

accumulation result to decide ranking of the golf. A display unit displays the

calculation result. A display device (8) provided in the portable terminal

displays information regarding golf course, topographical map of each hall,

characters and figures. A display controller (7) makes the display device to

display the topographical map and golf course information based on the data

forwarded from the main computer.

**ADVANTAGE** - Enables accumulating data quickly after game completion. Improves

pleasure of golf game. Reduces burden on score accumulation person.

**CHOSEN-DRAWING:** Dwg.1/13

**TITLE-TERMS:**

PORTABLE GOLF SCORE ACCUMULATE SYSTEM GOLF COURSE DISPLAY CONTROL DISPLAY

DEVICE PORTABLE TERMINAL DISPLAY TOPOGRAPHICAL MAP GOLF COURSE INFORMATION

BASED DATA FORWARDING MAIN COMPUTER

DERWENT-CLASS: P36

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1998-390253

CLIPPEDIMAGE= JP408057105A

PAT-NO: JP408057105A

DOCUMENT-IDENTIFIER: JP 08057105 A

TITLE: GOLF DATA DISPLAY

PUBN-DATE: March 5, 1996

INVENTOR-INFORMATION:

NAME

TSURUMI, MANABU

ASSIGNEE-INFORMATION:

NAME

COUNTRY

KK TSURU KENKYUSHO

N/A

APPL-NO: JP06217976

APPL-DATE: August 18, 1994

INT-CL\_(IPC): A63B071/06

ABSTRACT:

PURPOSE: To provide a means by which each golfer can know directly hole layouts

and the positions of cups on the day to make the game proceed successfully in a golf course.

CONSTITUTION: This golf data display 1 is made by incorporating a memory which stores data including the layouts of each hole, hole numbers, and the positions of cups in putting greens, a liquid crystal display 3 which displays data

stored in the memory for each hole, and an entry means to select a hole to be displayed on the display into the main body of a portable board. A time scale 5 which indicates time consumed from the start to a specific point of time, if attached, will make the display more convenient.

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